

Amendment 6 and PFC Ratings for the Whitney Allotment and Templeton Allotment
Inyo National Forest Watershed Assessment Team **Summer 2010**

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Templeton Allotment							
Key Area	Vegetation Type	Amendment 6				Proper Functioning Condition Results	Site Specific Observations
		Vegetation Condition	Watershed Condition				
			Survey Year	Characteristic Ratings	Results		
Upper Ramshaw at Kern Peak Stringer	Dry meadow*	Good (3 rd tier)	2010	Surface mineral or organic thickness: Functioning at Risk Hummocks: Functioning at Risk Rills/Gullies: Fully Functional Compaction: Fully Functional Bare Ground: Fully Functional Headcuts and Nickpoints: Fully Functional	Fully Functional	Functioning at Risk with an Upward Trend, but almost rated at PFC except for breeched beaver dam and more lateral movement needs to happen to be at equilibrium with sinuosity	
Lower Ramshaw within exclosure	Wet meadow	Excellent (2 nd tier)	2010	Surface mineral or organic thickness: Fully Functional Hummocks: Fully Functional Rills/Gullies: Fully Functional Compaction: Fully Functional Bare Ground: Fully Functional Headcuts and Nickpoints: Fully Functional	Fully Functional	Ramshaw Meadow inside exclosure: Functioning at Risk with Upward Trend Lower Ramshaw: Functioning at Risk with Upward Trend	Old beaver dam was stable and well vegetated.

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NE Ramshaw Stringer	Wet meadow	Excellent (2 nd tier)	2010	Surface mineral or organic thickness: Fully Functional Hummocks: Functioning at Risk Rills/Gullies: Fully Functional Compaction: Fully Functional Bare Ground: Fully Functional Headcuts and Nickpoints: Fully Functional	Fully Functional	Reach A: Functioning at Risk with an Upward Trend. Would be PFC is headcuts were considered part of the natural process along with abundant rodent activity.	Hard to determine how hummocks were created and occur in very wet areas. This area has been rested for about 20 years. Bare ground due to rodent activity.
Templeton	Upland* (This is identified as a dry meadow on the veg. datasheet.)	Excellent (1 st tier)	2010	Riparian: Surface mineral or organic thickness: Fully Functional Hummocks: Functioning at Risk Rills/Gullies: Fully Functional Compaction: Functioning at Risk trend to Fully Functional Bare Ground: Fully Functional Headcuts and Nickpoints: Fully Functional	Riparian: Fully Functional Upland: Functioning at Risk	Reach A and B: Functioning At Risk with Upward Trend	Question as to the potential of this system. The lateral movement seems within the natural expected function, but is considered to contribute to the instability of the system. But if it's within the expected, then....?
	Wet meadow	Good (3 rd tier)		Upland: Organic thickness: At Risk Mass Soil Movement: Fully Functional Surface Litter: Fully Functional		Reach C (meadow above barrier): Proper Functioning Condition	

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				Flow Patterns: Fully Functional Bare Ground: Fully Functional Pedestaling: Fully Functional Compaction: At Risk Rills & Gullies: Fully Functional Headcuts: Fully Functional			
Lewis Stringer	Wet meadow	Good (3 rd tier)	2010	Surface mineral or organic thickness: Fully Functional Hummocks: Fully Functional Rills/Gullies: Fully Functional Compaction: Functioning at Risk due to recreation trails along streambanks Bare Ground: Fully Functional Headcuts and Nickpoints: Fully Functional	Functioning at Risk	Reach A, B and C: Proper Functioning Condition	

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Strawberry Meadow	Upland* (This is identified as a dry meadow on the veg. datasheet.)	Excellent (2 nd tier)	2010	Riparian Meadow: Surface mineral or organic thickness: Fully Functional Hummocks: Fully Functional Rills/Gullies: Fully Functional Compaction: Fully Functional Bare Ground: Fully Functional Headcuts and Nickpoints: Fully Functional	Fully Functional	Reach B: Functional At Risk with Upward Trend, but very close to PFC.	
	Wet Meadow	Good (3 rd tier)		Upland: Organic thickness: Functioning at Risk Mass Soil Movement: Fully Functional Surface Litter: Fully Functional Flow Patterns: Fully Functional Bare Ground: Functioning at Risk Pedestaling: Fully Functional Compaction: Fully Functional Rills & Gullies: Degraded Headcuts: Fully Functional	Functioning at Risk	Reach C: Proper Functioning Condition Reach D: Proper Functioning Condition	

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Movie Stringer	Wet meadow	Excellent (2 nd tier)	2010	Surface mineral or organic thickness: Fully Functional Hummocks: Fully Functional Rills/Gullies: Fully Functional Compaction: Functioning at Risk trending to Fully Functional Bare Ground: Fully Functional Headcuts and Nickpoints: Fully Functional	Fully Functional	Reach A and B: Proper Functioning Condition	
Freckles Meadow	Wet meadow	Excellent (1 st tier)	2010	Surface mineral or organic thickness: Fully Functional Hummocks: Fully Functional Rills/Gullies: Functioning at Risk Compaction: Fully Functional Bare Ground: Fully Functional Headcuts and Nickpoints: Fully Functional	Fully Functional	Reaches A, B and C: Proper Functioning Condition	

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Schaeffer Meadow	Moist meadow	Excellent (2 nd tier)	2010	Surface mineral or organic thickness: Fully Functional Hummocks: Fully Functional Rills/Gullies: Functioning at Risk Compaction: Fully Functional Bare Ground: Fully Functional Headcuts and Nickpoints: Non-Functional	Degraded	Reaches A, B and C: Functioning at Risk with Downward Trend	Downward trend due to extensive active headcuts throughout meadow channel in both reaches.
Brown Meadow	Wet meadow	Good (3 rd tier)	2010	Surface mineral or organic thickness: Fully Functional Hummocks: Fully Functional Rills/Gullies: Fully Functional Compaction: Fully Functional Bare Ground: Fully Functional Headcuts and Nickpoints: Degraded trending to Functioning at Risk	Fully Functional	Reach B: Functioning at Risk with no apparent trend Reach C: Functioning at Risk with upward trend Reach D: Functioning at risk with upward trend	Reach C and D were in pretty good condition overall, except for instability due to a few active headcuts, which put it FAR instead of PFC. Reach B had good vegetative cover and diversity, but the headcuts were more active in this reach.

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Long Creek Meadow	Wet meadow	Excellent (1 st tier)	2010	Surface mineral or organic thickness: Hummocks: Rills/Gullies: Compaction: Bare Ground: Headcuts and Nickpoints:			Cannot find data sheets. Meadow was in very good condition, rated FF for all parameters. PFC for stream channel.
Dry Creek Meadow	Wet meadow	Excellent (2 nd tier)	2010	Surface mineral or organic thickness: Fully Functional Hummocks: Fully Functional Rills/Gullies: Fully Functional Compaction: Fully Functional Bare Ground: Fully Functional Headcuts and Nickpoints: Fully Functional	Fully Functional	Proper Functioning Condition	
Lower Dry Creek Meadow	Wet meadow	Good (3 rd tier)		Surface mineral or organic thickness: Fully Functional Hummocks: Fully Functional Rills/Gullies: Fully Functional Compaction: Fully Functional Bare Ground: Functioning at Risk Headcuts and Nickpoints: Fully Functional	Fully Functional	Proper Functioning Condition	Bare ground in very wet meadow but are aggrading with fine sed and org, and are rapidly filling in with CAUT. Other open areas recolonizing with Torryeachloa, indicating the area was recently inundated with water.

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Gomez Meadow	Wet meadow	Good (3 rd tier)	2010	Surface mineral or organic thickness: Fully Functional Hummocks: Functioning at Risk Rills/Gullies: Fully Functional Compaction: Fully Functional Bare Ground: Fully Functional Headcuts and Nickpoints: Fully Functional	Functioning as Risk	Reach B: Functional At Risk with Upward Trend Reach C and D: Proper Functioning Condition	Hummocks in perimeter of meadow should be monitored if grazing is introduced. No water in Reaches B and C, but very stable veg component. Reach D was in channel adjacent to main meadow, is a stable-flow spring channel with several old, but stable headcuts. Grazing OK with limited trampling – short season.
Death Canyon Tributary Meadow	Wet meadow	Excellent (2 nd tier)	2010	Surface mineral or organic thickness: Fully Functional Hummocks: Fully Functional Rills/Gullies: Functioning at Risk Compaction: Fully Functional Bare Ground: Functioning at Risk to Fully Functional Headcuts and Nickpoints: Fully Functional	Fully Functional	No Channel	Rills and Gullies: the “crescent” feature occur throughout meadow. Are well vegetated in perimeter and stable, but could be re-activated with excessive impacts

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Big Dry Meadow	Wet meadow	Good (3 rd tier)	2010	Surface mineral or organic thickness: Fully Functional Hummocks: Functioning at Risk to Fully Functional Rills/Gullies: Fully Functional Compaction: Fully Functional Bare Ground: Functioning at Risk to Fully Functional Headcuts and Nickpoints: Fully Functional	Fully Functional	No channel	Hummocks present in localized areas on peripheral of interface of wet and moist areas.
Grouse Meadow	Moist meadow	Excellent (1 st tier)	2010	Surface mineral or organic thickness: Fully Functional Hummocks: Functioning at Risk Rills/Gullies: Fully Functional Compaction: Fully Functional Bare Ground: Fully Functional Headcuts and Nickpoints: Fully Functional	Fully Functional	Reach A and B (entire channel above steep channel at bottom of meadow): Proper Functioning Condition	Hummocks predominately around meadow edge, no compaction at bottom of hummocks

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Volcano Meadow	Moist meadow	Good (3 rd tier)	2010	Surface mineral or organic thickness: Functioning at Risk Hummocks: Functioning at Risk Rills/Gullies: Fully Functional Compaction: Degraded Bare Ground: Functioning at Risk Headcuts and Nickpoints: Fully Functional	Functioning at Risk	Middle Channel in Meadow: Functional-At-Risk with an upward trend	
Salt Lick Meadow	Moist meadow	Excellent (1 st tier)	2010	Surface mineral or organic thickness: Fully Functional Hummocks: Fully Functional Rills/Gullies: Functioning at Risk trending to Fully Functional Compaction: Fully Functional Bare Ground: Fully Functional Headcuts and Nickpoints: Functioning at Risk	Fully Functional	Proper Functioning Condition	.

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Groundhog Meadow	Moist meadow	Excellent (2 nd tier)	2010	Surface mineral or organic thickness: Functioning at Risk Hummocks: Functioning at Risk Rills/Gullies: Functioning at Risk Compaction: Functioning at Risk Bare Ground: Degraded Headcuts and Nickpoints: Functioning at Risk to Fully Functional	Functioning at Risk	Proper Functioning Condition	Bare ground mainly due to rodent activity. Appears that this was as wet meadow and is drying out. It was previously irrigated and has not been maintained in the last decade.
South Fork Meadow	Wet meadow	Excellent (1 st tier)	2010	Surface mineral or organic thickness: Functioning at Risk Hummocks: Degraded Rills/Gullies: Functioning at Risk Compaction: Functioning at Risk Bare Ground: Functioning at Risk Headcuts and Nickpoints: Degraded	Degraded	Functional At Risk: Not Apparent Trend	

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McConnell Meadow	Wet meadow (upper McConnell)	Excellent (1 st tier)	2010	Surface mineral or organic thickness: Functioning at Risk Hummocks: Functioning at Risk Rills/Gullies: Functioning at Risk Compaction: Functioning at Risk Bare Ground: Functioning at Risk Headcuts and Nickpoints: Functioning at Risk	Functioning at Risk	Proper Functioning Condition	
	Moist meadow (lower McConnell)	Excellent (2 nd tier)					
Stokes Stringer #1	Dry meadow* (lower Stokes)	Excellent (2 nd tier)	2010	Surface mineral or organic thickness: Degraded Hummocks: Functioning at Risk Rills/Gullies: Functioning at Risk Compaction: Functioning at Risk Bare Ground: Functioning at Risk Headcuts and Nickpoints: Non-Functional	Degraded	Reach 1 - PFC	
						Reach 2 – FAR Upward Trend	
						Reach 3- FAR- Not Apparent Trend	
	Moist meadow (upper Stokes)	Excellent (1 st tier)				Reach 4 - PFC	

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Whitney Allotment							
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Big Whitney 1	Wet meadow	Excellent (1 st tier)	2010	Surface mineral or organic thickness: Degraded Hummocks: Non-Functional Rills/Gullies: Functioning at Risk Compaction: Fully Functional Bare Ground: Degraded Headcuts and Nickpoints: Non-Functional	Non-Fnctional	FAR – Not apparent Trend	
Big Whitney 2	Wet meadow	Excellent (2 nd tier)	2010	Surface mineral or organic thickness: Functioning at Risk Hummocks: Degraded Rills/Gullies: Functioning at Risk Compaction: Fully Functional Bare Ground: Functioning at Risk Headcuts and Nickpoints: Degraded	Degraded	Proper Functioning Condition	
	Dry meadow*	Excellent (2 nd tier)					

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Big Whitney 3	Moist meadow	Excellent (1 st tier)	2010	Surface mineral or organic thickness: Functioning at Risk Hummocks: Functioning at Risk Rills/Gullies: Functioning at Risk Compaction: Functioning at Risk Bare Ground: Degraded Headcuts and Nickpoints:	Functioning at Risk	FAR- Upward Trend	
Big Whitney 4	Wet meadow	Excellent (2 nd tier)	2010	Surface mineral or organic thickness: Functioning at Risk Hummocks: Degraded Rills/Gullies: Degraded Compaction: Functioning at Risk Bare Ground: Functioning at Risk Headcuts and Nickpoints: Degraded	Degraded trending to Non-Functional	Proper Functioning Condition	

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Big Whitney 5	Wet meadow	Excellent (2 rd tier)	2010	Surface mineral or organic thickness: Functioning at Risk Hummocks: Degraded Rills/Gullies: Functioning at Risk Compaction: Fully Functional Bare Ground: Functioning at Risk Headcuts and Nickpoints: Non-Functional	Non Functional	FAR – Upward Trend	
Stokes Stringer #2	--	No veg. data. See Above in “Stokes Stringer #1”	2010	Surface mineral or organic thickness: Functioning at Risk Hummocks: Degraded Rills/Gullies: Functioning at Risk Compaction: Functioning at Risk Bare Ground: Functioning at Risk Headcuts and Nickpoints: Degraded	Degraded	See Above in “Stokes Stringer #1”	

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East of Bakeoven	Wet meadow	Excellent (2 nd tier)	2010	Surface mineral or organic thickness: Fully Functional Hummocks: Functioning at Risk Rills/Gullies: Fully Functional Compaction: Fully Functional Bare Ground: Fully Functional Headcuts and Nickpoints: Functioning at Risk	Fully Functional		Healing of headcuts through the spring mounds are being hindered by continued trampling. Stream channel is stable except in the spring mounds.
Hessian Meadow	Wet meadow	Excellent (2 nd tier)	2010	Surface mineral or organic thickness: Fully Functional Hummocks: Fully Functional Rills/Gullies: Fully Functional Compaction: Fully Functional Bare Ground: Fully Functional Headcuts and Nickpoints: Functioning at Risk to Fully Functional	Fully Functional		.

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Monache Allotment							
Key Area	Vegetation	Amendment 6				Proper	Site Specific Observations
Monache Meadow Across from Crocker Field	Wet meadow	Excellent (1 st tier)	2010	Surface mineral or organic thickness: Functioning at Risk	Functioning at Risk		
	Moist Meadow	Excellent (1 st tier)		Hummocks: Fully Functional Rills/Gullies: Fully Functional Compaction: Functioning at Risk Bare Ground: Functioning at Risk Headcuts and Nickpoints: Fully Functional			
Round Mountain Stringer	Wet meadow	Excellent (1 nd tier)	2010	Surface mineral or organic thickness: Functioning at Risk Hummocks: Functioning at Risk Rills/Gullies: Fully Functional Compaction: Functioning at Risk Bare Ground: Fully Functional Headcuts and Nickpoints: Fully Functional	Functioning at Risk		

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Monache Allotment							
Key Area	Vegetation	Amendment 6				Proper	Site Specific Observations
Lower Soda Creek (below Anchor pasture)	No Vegetation Transect	--	2010	Surface mineral or organic thickness: Functioning at Risk Hummocks: Fully Functional Rills/Gullies: Fully Functional Compaction: Functioning at Risk Bare Ground: Fully Functional Headcuts and Nickpoints: Fully Functional	Fully Functional	No channel at Lower Soda. Upper Soda Creek: Properly Functioning Condition	